Advanced Distributed Learning Co-Lab Conference

22-24 August 2006

COL James Markley

Director Training Development and Delivery Directorate (TDADD) HQ US Army Training and Doctrine Command, Deputy Chief of Staff for Operations and Training

And

TRADOC Program Integration Officer (TPIO) The Army Distributed Learning Program (TADLP)

Agenda

- TADLP Overview
- Current dL Status
  - Army Successes in dL
  - CRXXI
  - dL In A Tactical Environment: Deployed Digital Training Campus (DDTC)
  - TADLP Courseware Products
  - Army Training Related Information Systems
  - Centralized Hub for dL Products
- The Future of dL
  - New Learning Approaches
  - Learning Model
  - dL Courseware Redesign
  - Army Learning Management System (ALMS)

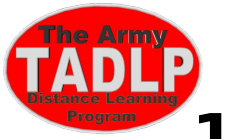
TADLP Overview

TADLP Vision

- Increased Readiness
- Improved Access and Opportunity
- Life Long Learning
- Increased Effectiveness in Training and Education
- Provide Training Any Time and Any Place
- Reduced Cost Per Trained Soldier
- Greater Stability for Families
- Just In Time Reach Back Capability

The Army Distributed Learning Program Mission Statement

"To improve readiness by the delivery of standardized individual, collective, and self-development training to soldiers and units any time and any place through the application of multiple means and technologies."

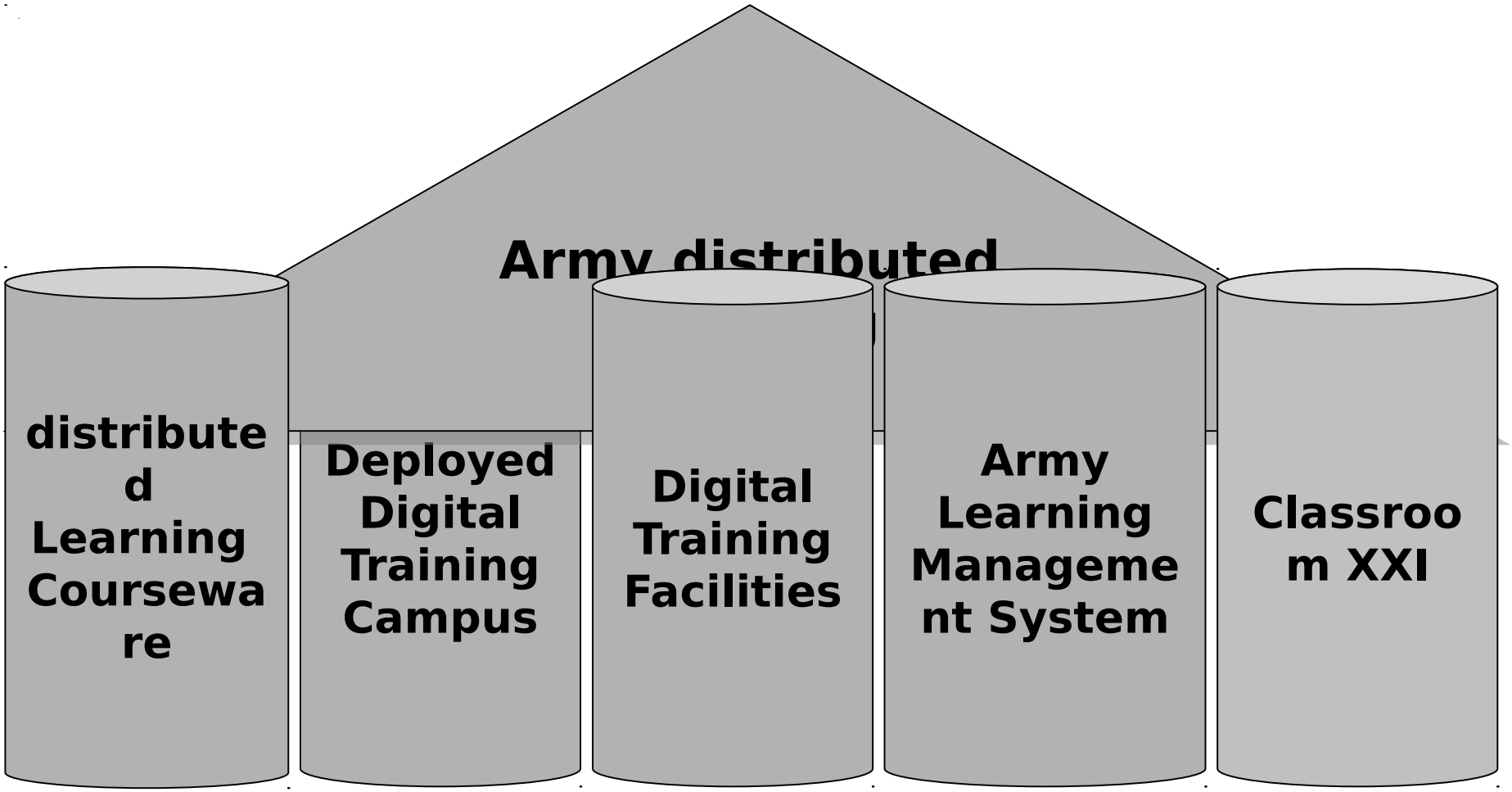


1996

Supports Army Transformation Efforts

2010

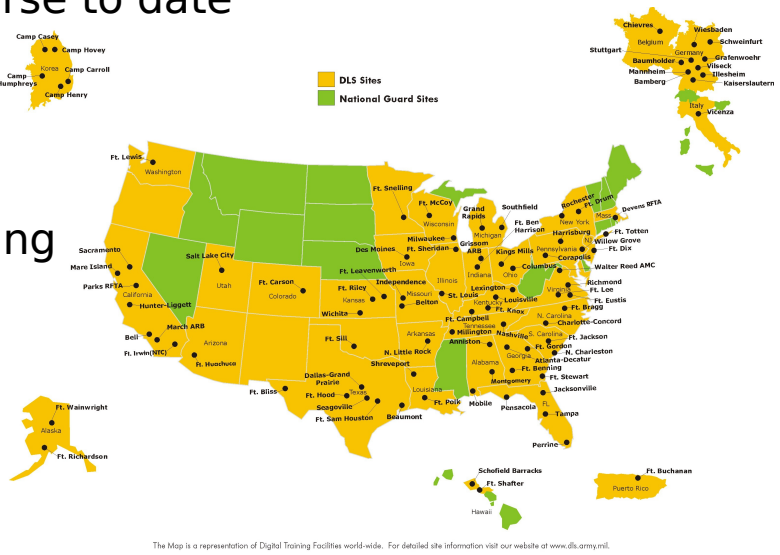
TADLP Pillars



Current dL Status

Army Successes in dL

- **232 Digital Training Facilities Fielded (DTFs):**
  - Number of Students Trained in FY05 319K
  - Number of Students Trained in FY04 262K
  - Increase from FY04 22%
  - Number of Student Seat Hours FY05 1.97M
  - Number of Student Seat Hours FY04 1.3M
  - Increase from FY04 52%
- **Battle Staff NCO Course:**
  - Phase 1: **7,175** Phase 2: **3,120** Soldiers graduated to date
- **Commander's Safety Course:**
  - **1,942** Students have completed the course to date
- **Army eLearning:**
  - Total Army Users: **303,223**
- **Combat Lifesaver Course:**
  - Over **109,806** copies delivered for training
- **First Sergeant Course**
  - Phase 1: **7,252**
  - Phase 2: **1,720**
- **BNCOC Common Core**
  - Trained to date for FY06: 3,500



Classroom XXI

Classroom XXI modernizes TRADOC resident classrooms to transmit (push) and deliver dL anytime, anywhere from proponent schoolhouses

- 270 high-tech classrooms scheduled thru FY14

- Current CRXXI classroom fielding status:
  - 64 classrooms fielded
  - 47 classrooms in progress
- BCT/OSUT classrooms
  - 4 Battalion rooms
  - 16 Platoon rooms

- TRADOC is inserting Classroom XXI technology into 110 high tech classrooms in 5 new Basic Combat Training / One Station Unit Training barracks complexes

dL In A Tactical Environment

Deployed Digital Training Campus

"Go anywhere"

- Low weight and compact
- Rapid setup & use in austere conditions
- Fully integrated & available now

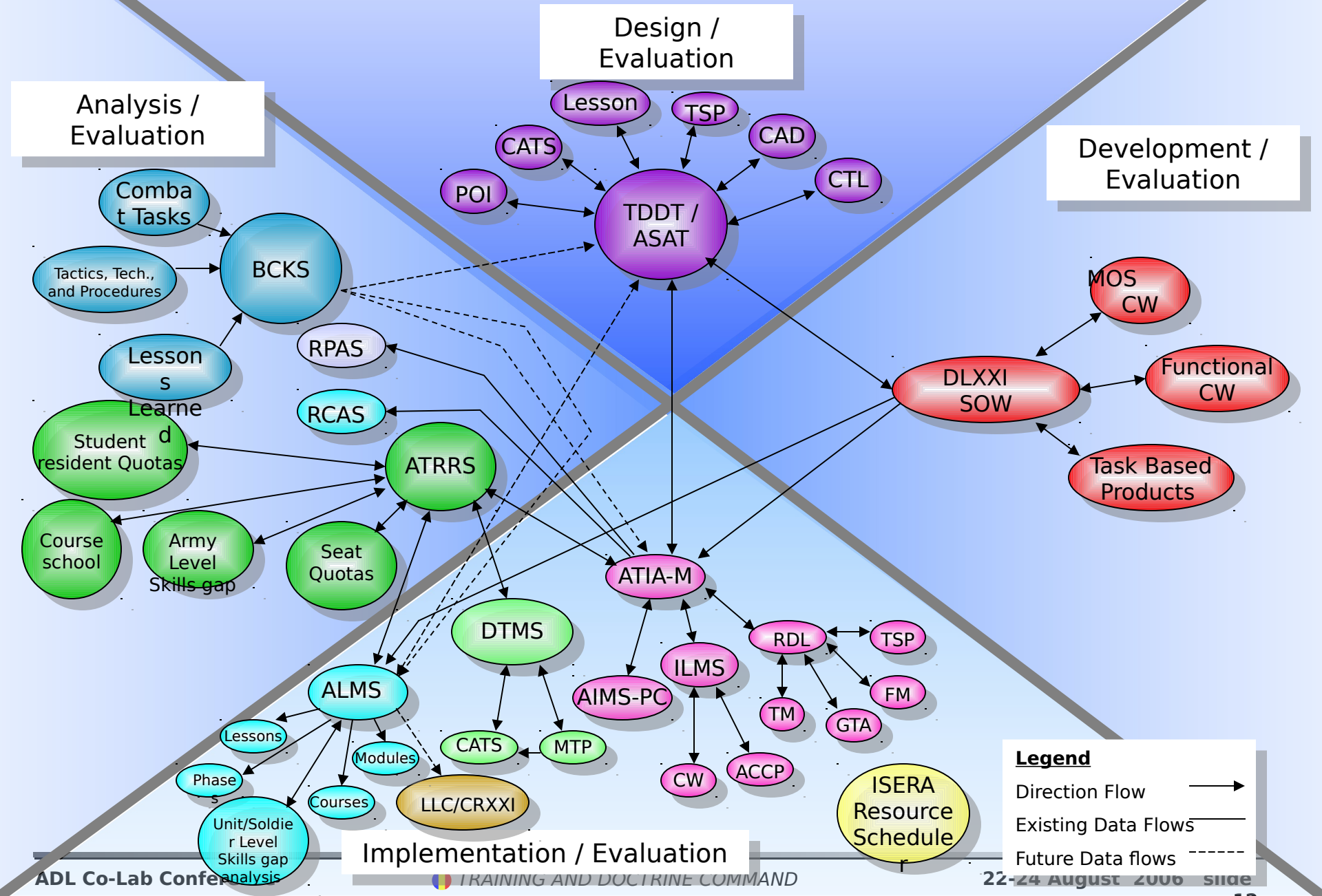
- Meets the immediate need for mobile, adaptable, high capacity secure wireless and satellite communications
- High bandwidth …Deliver any content, anywhere, any time
- Networked with reach back capability
- Plan, rehearse and execute
- Stryker Brigade (BDE) train-up for Iraq deployment

Satellite link connects remote sites with any VTT or VTC system globally. DDTC is virtually unlimited in connecting to any other communication technology systems.

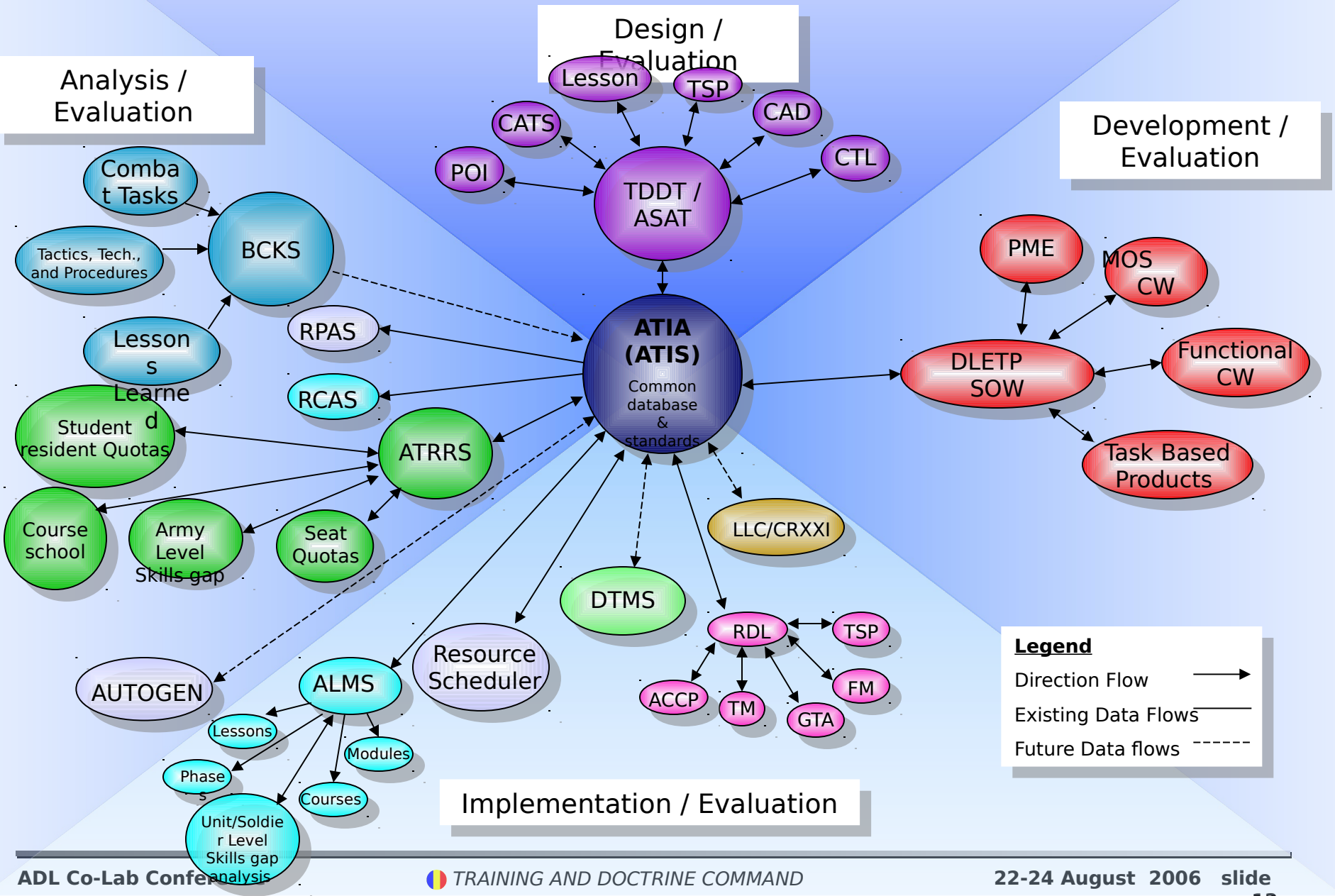
How Many dL Products Are There?

- Interactive Multimedia Courses Available
  160+
- Army Learning Management System Courses Available
  1,269
- Army eLearning Courses Available
  2,600
- Army Correspondence Courses Available
  1,554
- Reimer Digital Library Products Available
  14,855
  - Circulars
    81

Current Status of Army Training Related Information Systems



Centralized Hub for dL Products



The Future of dL

New Learning Approaches

<u>Vision</u>: Based on current research in adult learning theory & instructional technology, create a new learning model that supports Soldiers & Leaders who are competent to perform within a dynamic operating environment.

- Design a model that supports ARFORGEN
- Systematically determine when to use classroom instruction & when to use distributed learning (dL)
- Utilize adult learning principles that maximize adaptive thinking
- Design instruction using Guided Experiential Learning
- Use diagnostic testing to allow ability grouping
- Foster Soldier cohesion through collaboration

Army Research Institute Science of Learning Conference 1-3 AUG 06

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Proposed Army Learning Model for Professional Military Education

-Guided Self-Development
-Just-in-Time Learning
-Live/Virtual/Constructive Exercises

MTT, OJT, AOT

Individual Learning Preparation | **Collective Learning Synergy** | **Reinforcement**

Phase I: dL at TRADOC Schools

Option to complete at home station. Most will complete Phase I at TRADOC.

Knows: Common terms, facts, basic concepts, basic principles (entrance requirement)

Diagnostic Testing: Writing, reading, tactics, fast track Qualification test (entrance requirement)

Common content: Common core & mandatory training (graduation requirement)

Phase II: Classroom Instruction

Blend of dL & face-to-face

- **dL for nights, weekends, & planned weekday periods**
- **f2f maximizes integrated performance-based instruction (e.g. hands-on, CPX, FTX, caps[illegible]ts)**

-**Shared challenging exercises build cohesion.**

AOT AS REQUIRED

Phase III: Learning at Unit

Graduation Requirement:

Student responsibility to complete common content

Transfer

- **Sustainment *via* dL reach-back**
- **Job aids**

Supervisor provides feedback for course improvement

Guided Experiential Learning
(How to Instruct)

dL Courseware Redesign

- TRADOC Commander's FY06 dL CW Priorities
  - Professional Military Education
    - Civilian Education System (CES)
    - Basic NCO Courses
    - Advanced NCO Courses
    - Warrant Officer Education System
    - Officer Education System
  - Contemporary Operating Environment/Global War on Terrorism (COE/GWOT)
  - Duty MOS Qualified (DMOSQ) – SL10 Reclassification (USARC/NGB/ARMY)
  - Functional Courses
- Redesign 47 Courses Annually
- Annual dL Courseware Prioritization Workshop occurred 16 March 06

Army Learning Management System

- The Army Learning Management System delivers standardized individual training to Soldiers and provides an automated training management capability
- Functions:
  - Catalog, distribute, deliver, store and present training products
  - Registration and enrollment of students
  - Scheduling resources to course iterations for resident and DL courses
  - Monitor automated testing and student progress
  - Maintain training and education records
  - Collect and store feedback and evaluations
  - Provide synchronous and asynchronous collaboration

How The ALMS Affects Schools

- As the ALMS is fielded, there are significant operational impacts that will affect all aspects of Army training, for example:
  - How classes are scheduled
  - How resources are catalogued and allocated to course iterations
  - How courseware is designed and loaded onto the ALMS content server
  - How student progress is monitored, recorded and archived
  - How each proponent will transition from their unique ALMS methodology to the common system

www.tadlp.monroe.army

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